

proxima®

PRO AV 9410

UNPRECEDENTED PERFORMANCE

large audience projectors

COMPATIBLE WITH PROJECTIONLINK™

the single-wire connectivity solution

IMPRESSIVE BRIGHTNESS

at 3700 ANSI lumens, shines in any venue

EXCEPTIONAL VIDEO

V-Scan video processing provides superior video performance with all formats, including HDTV

V-Scan®



INTERCHANGEABLE LENSES

a large selection of lenses offers maximum flexibility in projector installation

NATIVE SXGA RESOLUTION

displays the finest details with the broadest compatibility

600:1 CONTRAST RATIO

Full on, full off

FULL-RANGE VIDEO COMPATIBILITY

accepts component video, S-Video, composite video, and HDTV

PRO AV 9410 FEATURES

The Pro AV 9410 is a premium projector for integration into boardrooms, conference rooms, control centers and more. The Pro AV 9410 delivers a perfect combination of brightness, resolution, connectivity and flexibility. Installation is easy virtually anywhere, in any room, thanks to the power lens shift and variety of optional lenses. HDTV compatibility and digital connectivity ensure compatibility with all the latest standards. When you're looking for professional solutions, look to the Pro AV 9410.

Minimum and maximum throw distance for selected image sizes utilizing the Pro AV 9410 standard lens.

Min. Distance (feet)	Max. Distance (feet)	Image Width (inches)	Image Diagonal (inches)
40	52	240	307
32	42	192	246
24	31	144	184
19	25	115	147
16	21	96	123
17	13	77	99
10	13	58	74
8	10	48	61
6	8	38	49

IMAGE CALCULATION

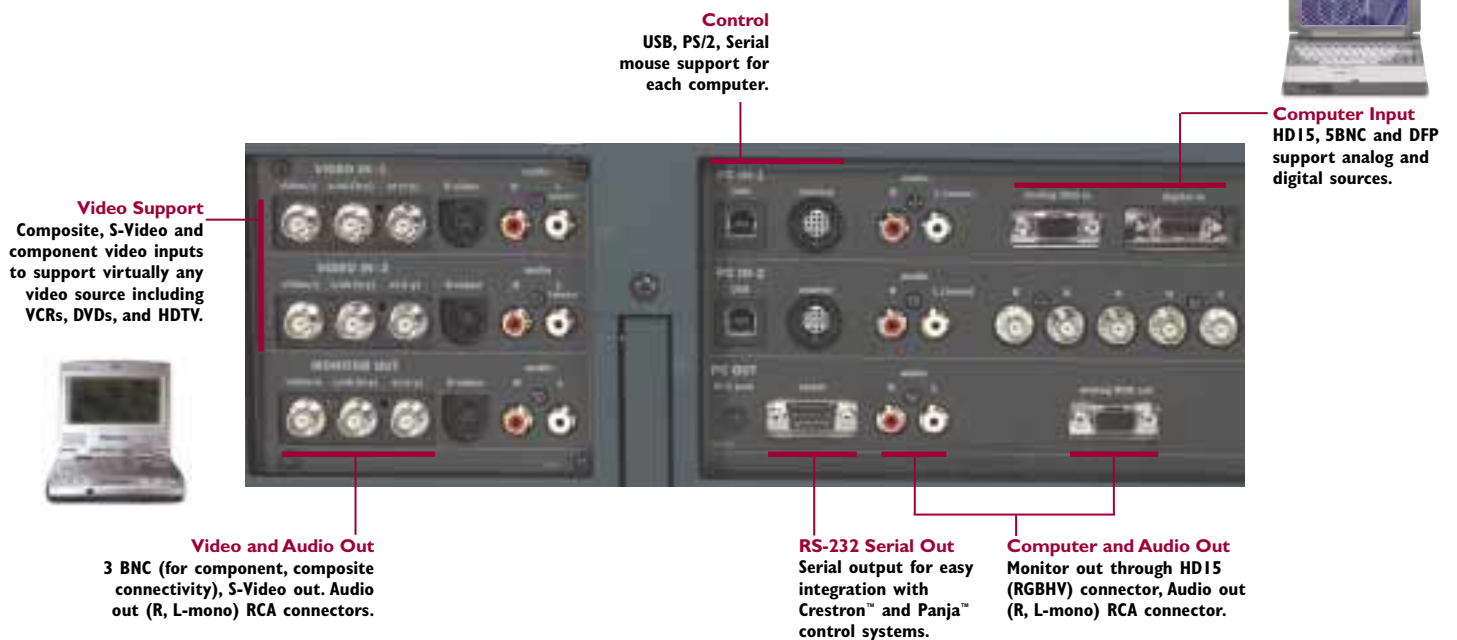
PRO AV 9410 FEATURES

- 3700 ANSI lumens makes it ideal for installation in large rooms and facilities
- Native SXGA (1280 x 1024) resolution with Fit-to-View® display of VGA (640 x 480) through UXGA (1600 x 1200), for compatibility with all PCs, Workstations and Macs
- Integrated digital scaling and line doubling for superb video quality
- V-Scan™ video processing technology provides the cleanest, truest video available from an LCD projector, from composite video through HDTV
- RS-232 control for easy integration with AMX/Panja™ and Crestron™ control systems, including compatibility with Crestron e-control™
- A wide selection of lenses for installation flexibility in both small and large venues
- Direct DFP (Panel Link™) digital connectivity, for compatibility with the latest digital standards



PRO AV 9410 INTEGRATION

The Pro AV 9410 is the premier projector for integration into boardrooms, conference rooms, control centers, and more. The Pro AV 9410 delivers a perfect combination of brightness, resolution, connectivity, and flexibility.





PRO AV 9410 SHIPS WITH:

- Remote controls (2) with batteries (1) wireless remote with mouse control and laser pointer; Hardwire remote (1) with no mouse control
- Mouse control cables (PS/2, Serial, and Mac)
- Power cords 9.8 ft. (3 m) – US and European
- Computer video (VGA) and audio cable, Mac/VGA adapter
- S-Video cable, AV cable, RCA-BNC adapters (3)
- PCI bus card for digital interface and DFP cable (3 m)
- Lens cover, dust cover, product documentation (multi-lingual User's Guide)

INSTALLATION FLEXIBILITY

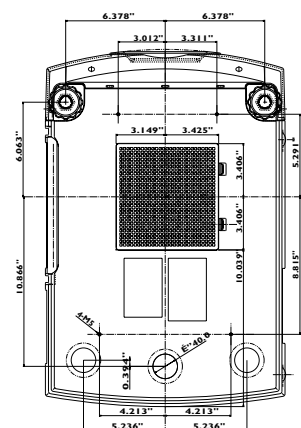
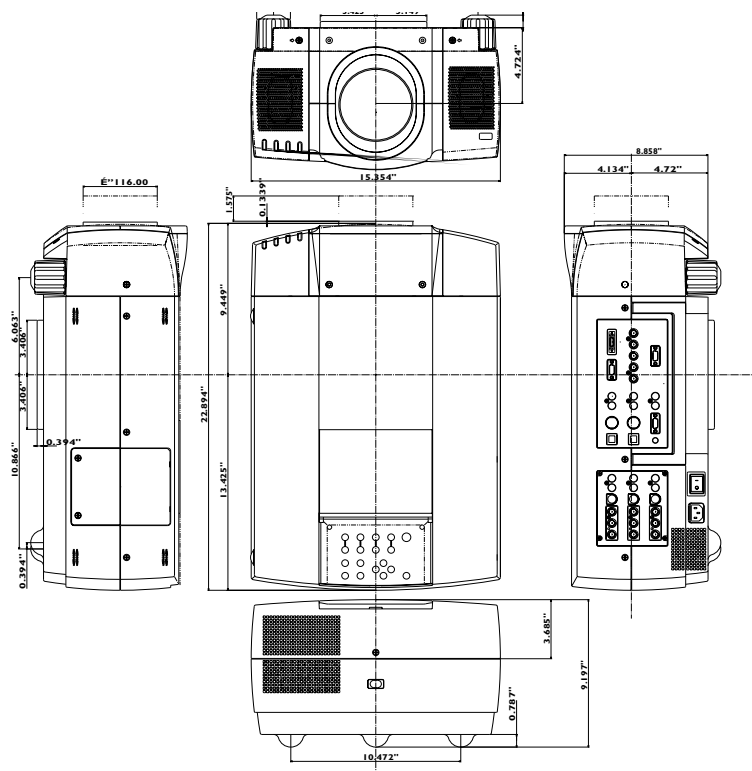


The Pro AV 9410 is equipped with vertical lens shift to make image adjustment easy. The Pro AV 9410 has the functionality to reverse the image for rear projection installation.

Seven optional lenses enable the Pro Av 9410 to adapt to a wide range of applications.

- Lens-001** Wide angle fixed lens (F2.5 / f44.7 mm) 1.2:1
- Lens-002** Long throw fixed lens (F2.0 / f253 mm) 7.1:1
- Lens-003** Standard zoom lens (Pro AV 9310) (F2.6-3.5 / f67-107 mm) 1.8 - 2.9:1
- Lens-004** Long zoom lens (F2.0-2.6 / f125-160 mm) 3.5-4.6:1
- Lens-005** Standard zoom lens (F2.0-2.3 / f75.7- 97.5 mm) 2.0-2.6:1
- Lens-006** Wide angle zoom lens (F2.53-2.95 / f52.2-67.9 mm) 1.4- 1.8:1
- Lens-011** Long throw zoom lens (F2.0-2.3 / f158-221 mm) 4.6 - 6.0:1

PRO AV 9410 DIMENSIONS



TECHNICAL SPECIFICATIONS

Native Resolution	• SXGA (1280 x 1024)
Resolution Supported	• SXGA (1280 x 1024, 1152 x 864); Fit-to-View display of XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480, 720 x 400, 640 x 400), UXGA (1600 x 1200)
	• Apple Macintosh 21 in. (1152 x 870), Mac 12 in. (512 x 384), 13 in. (640 x 480), 16 in. (832 x 624), 19 in. (1024 x 768)
	• PC98 (1120 x 750, 1280 x 1024), PC98 (1024 x 768, 800 x 600, 640 x 480, 640 x 400), UXGA (1600 x 1200), PC98NX (1600 x 1200), Fit-to-View mode of 16:9 aspect capable
Display Technology	• 1.8 in. polysilicon LCD x 3 with Microlens array
Input Sources	• 2 computer input channels Channel 1: RGB (HD15) / DFP (Digital Panel Link Interface) Channel 2: BNC (R, G, B, H, V)
	• Each channel includes: RCA type stereo audio (R, L-mono), mouse control port, USB port
	• 2 video input channels
	Each channel includes: 3 BNC for component [Video/Y, C/Cb (B-Y), Cr (R-Y)] and composite, 1 mini DIN 4-pin (for S-Video), 1 RCA type stereo audio (R, L-mono)
Output Sources	• 1 monitor output HD15 (RGBHV) + RCA type stereo audio (R, L-mono)
	• 1 video output 3 BNC (for component and composite) 1 mini DIN 4-pin (for S-Video) 1 RCA type stereo audio (R, L-mono)
Brightness	• 3700 ANSI lumens
Brightness Uniformity	• 85% typical
Contrast Ratio	• 600:1 (full on, full off); 200:1 ANSI
Number of Colors	• 16.7 million
H-Sync Range	• 15-100 kHz
V-Sync Range	• 50-120 Hz
Dot Clock	• 220 MHz
Computer Compatibility	• Sun, SGI, IBM, HP, DEC, and X-terminal graphics modes up to 200 MHz, IBM PC, PS/2, Pentium, and compatibles
	• Apple Macintosh, Power Macintosh and PowerBook, G3
Video Compatibility	• HDTV (1080i, 1035i, 720p)
	• NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, SECAM, HDTV (1080i, 1035i, 720p)
Len Shift	• Power +12 to -12° (keystone correction)
Projection Lens*	• Standard lens—power zoom (1.3:1) and focus. F=2.0-2.3, focal length f=75.7-97.5 mm
Projection Distance/Image Width*	• 2.0-2.6:1
Minimum Projection Distance*	• 5.2 ft. (1.6 m)
Aspect Ratio*	• 5:4, supports 4:3 and 16:9
Image Width	• 3.3 ft. to 50 ft. (1.0 m to 15.2 m)
Projection Method	• Front/rear, desktop/ceiling
Audio	• Two 3-watt speakers
Audible Noise	• <45 dB
Remote Control	• 1 wireless remote with mouse; 1 wired remote
Control Communication	• Bi-directional RS-232C, USB, PS/2 mouse control
Lamp (Life)	• 440 watt DC metal halide (estimated 1,000 hours)
Dimensions	• 15.4 in. (W) x 22.9 in. (L) x 9.2 in. (H) 39 cm (W) x 58.2 cm (L) x 23.3 cm (H)
Weight	• 39.2 lb. (17.8 kg)
Power Consumption	• 650 watts
Power Requirements	• 100V-120V, 200V-240V DC
Operating Temperature	• 41-95° F (5-35° C)
On-Screen Menu Languages	• English, German, French, Italian, Spanish, Japanese
Approvals	• FCC Class A, UL, cUL, CE, NOM, C-tick, IRAM
Warranty	• Two years on parts and labor (excluding lamp) 90-days on lamp

*all data refers to the Pro Av 9410 Standard Lens (Lens-005)

ORDERING INFORMATION

Model Number

Pro AV 9410	includes standard lens
Pro AV 9410L	lensless—requires an optional lens

Optional Accessories

Case-044	Rolling hard case (checkable/shippable)
Lens-001	Wide angle fixed lens (F2.5 / f4.5 mm) 1.2:1
Lens-002	Long throw fixed lens (F2.0 / f253 mm) 7.1:1
Lens-003	Standard zoom lens (Pro AV 9310) (F2.6-3.5 / f67-107 mm) 1.8 - 2.9:1
Lens-004	Long zoom lens (F2.0-2.6 / f125-160 mm) 3.5-4.6:1
Lens-005	Standard zoom lens (F2.0-2.3 / f75.7- 97.5 mm) 2.0-2.6:1
Lens-006	Wide angle zoom lens (F 2.53-2.95 / f52.2-67.9 mm) 1.4- 1.8:1
Lens-011	Long throw zoom lens (F2.0-2.3 / f158-221 mm) 4.6-6.0:1
VDIF-001	PC card digital interface
CBLS-016	DFP cable (10 m)
LAMP-021	440-Watt DC metal halide lamp
PL-300	ProjectionLink with external transmitter and receiver

proxima®
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